Happy 😂 Version Control for your Power BI Dashboards 📊

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The problem

1. Power BI files (**.pbix**) are binary, meaning we can not track changes at the content level like we do it for text-based files (e.g., .sql, .json, .txt).
2. You can't easily view diffs between different versions of **.pbix** files.

The (or at least a possible) Solution

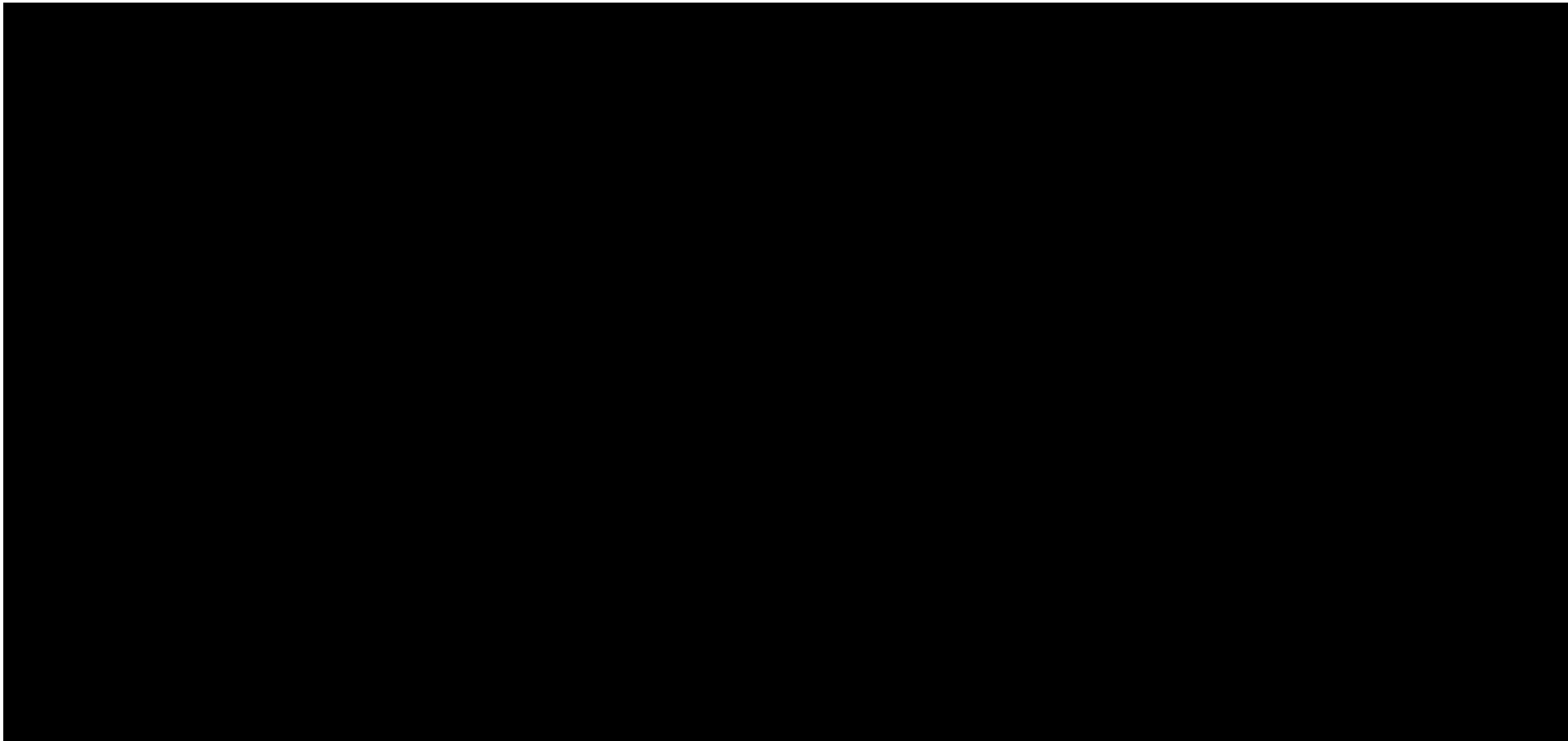
1. Close your eyes 😣 and hope for the best
2. Or, Save their work in **.PBIP** file format, which breaks down into JSON components. This format makes the files editable in tools like VS Code.

STEP #1: Let's set up your Environment

What tools you will need?

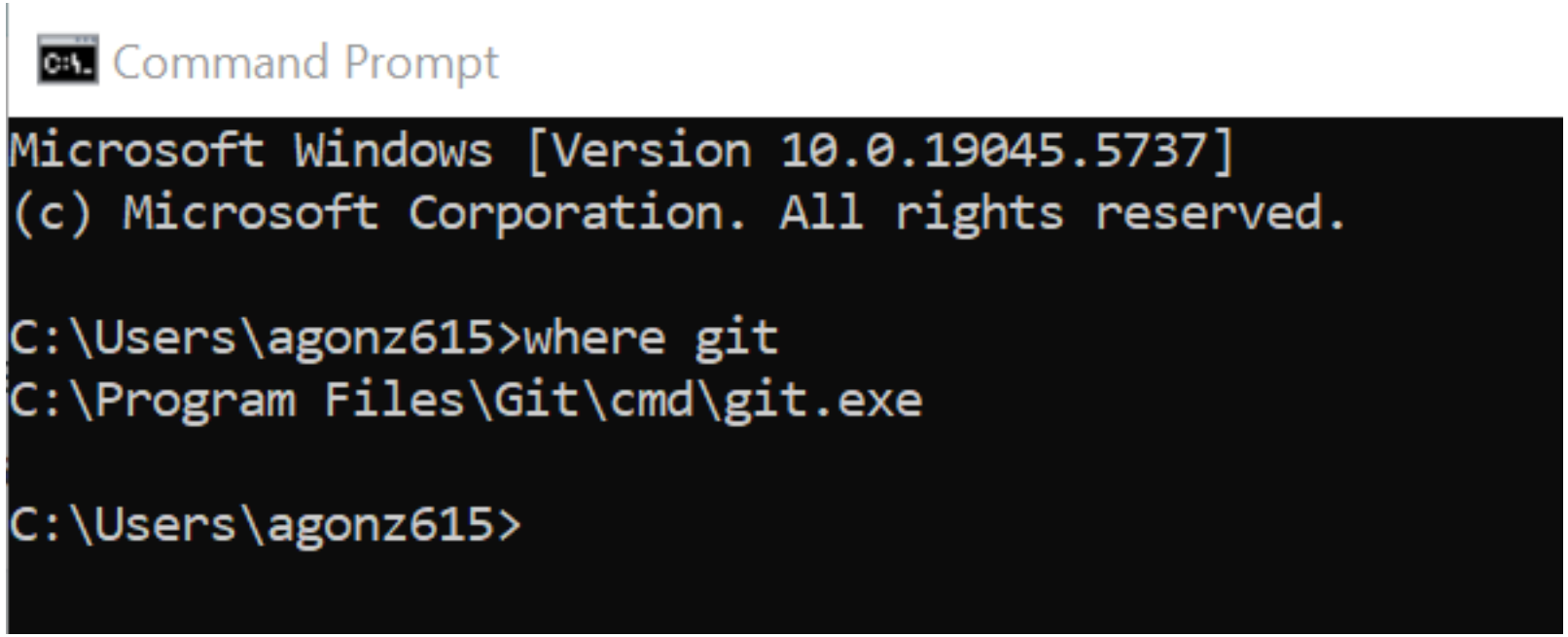
1. Power BI Desktop
2. Visual Studio Code
3. Git
4. Github Account

How to install Git (The UHG way...)



IF Git truly installed?

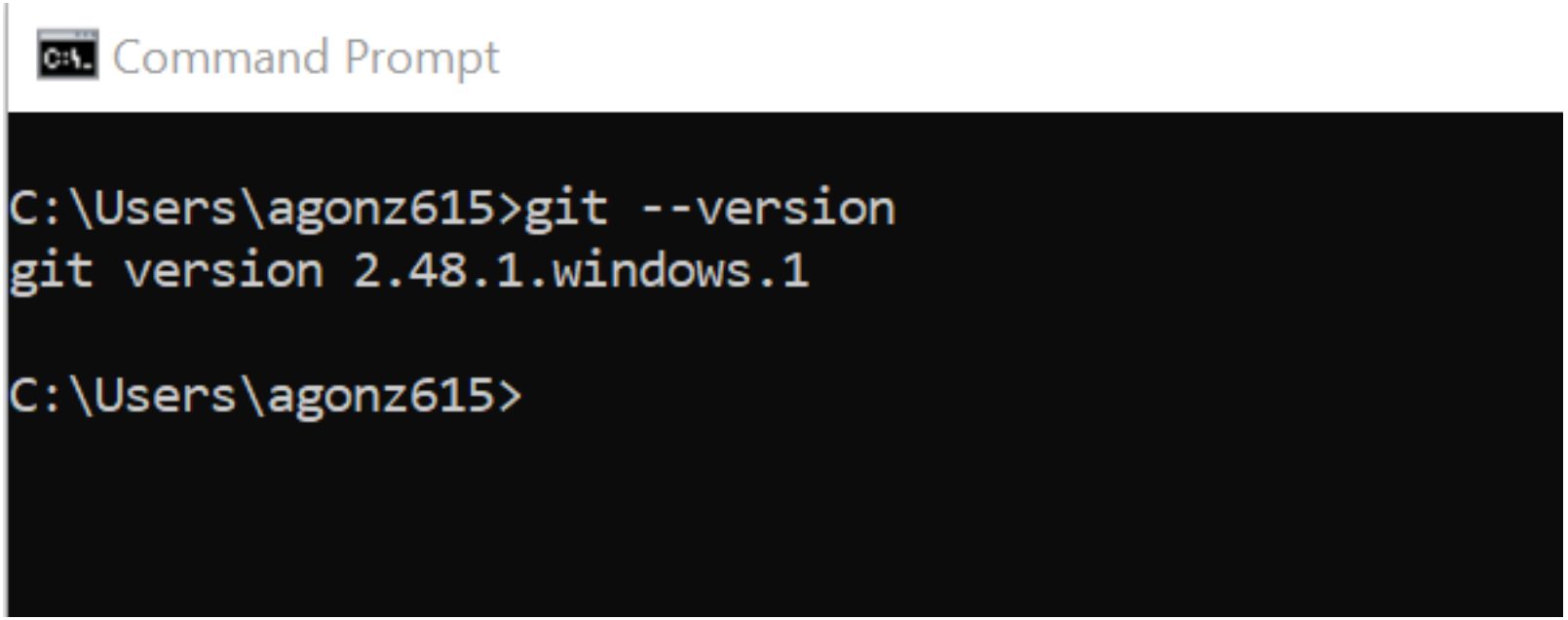
```
C:\Users\agonz615>where git
```



A (Windows) command prompt showing the command to locate the path to a given file.

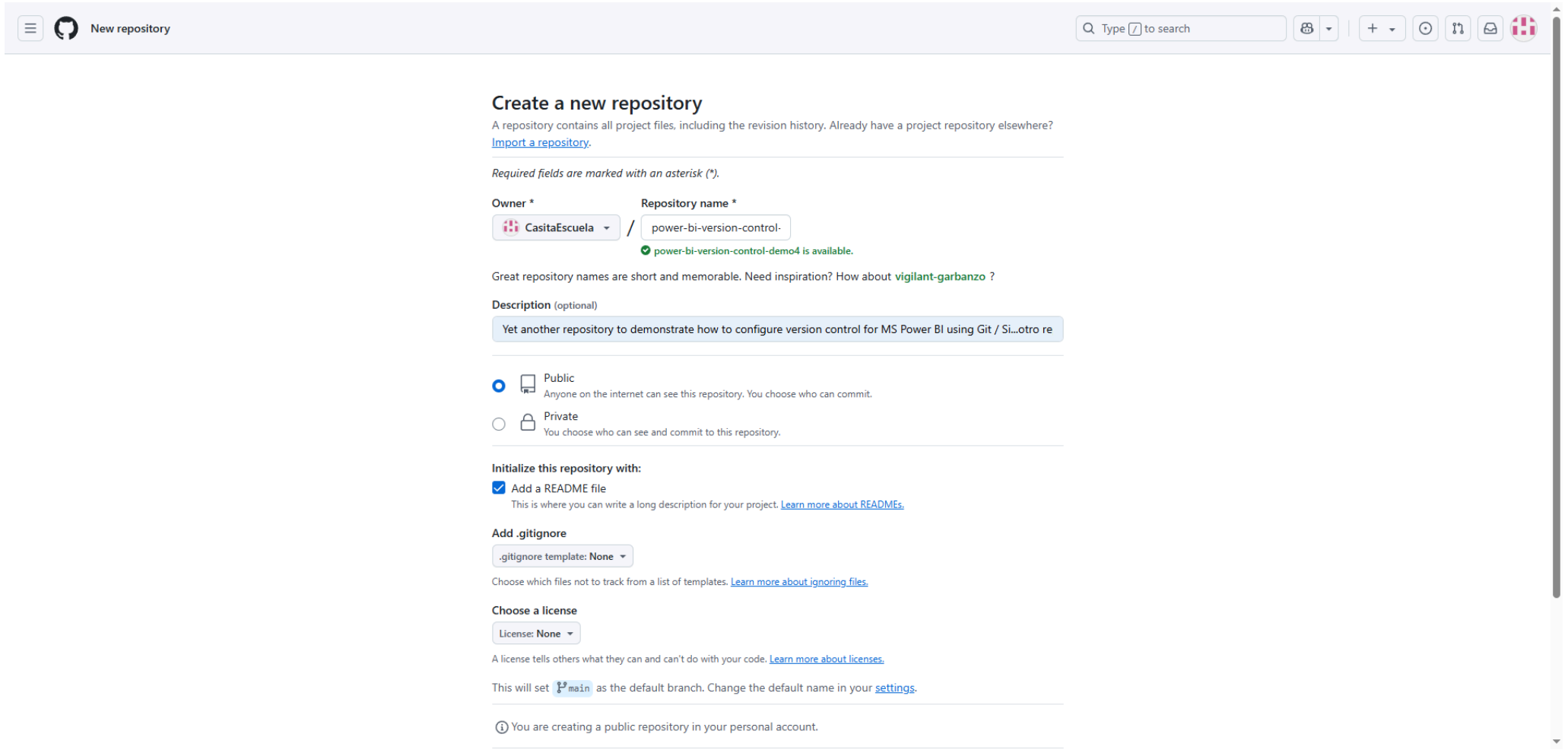
But, What version am I running?

```
C:\Users\agonz615>git --version
```



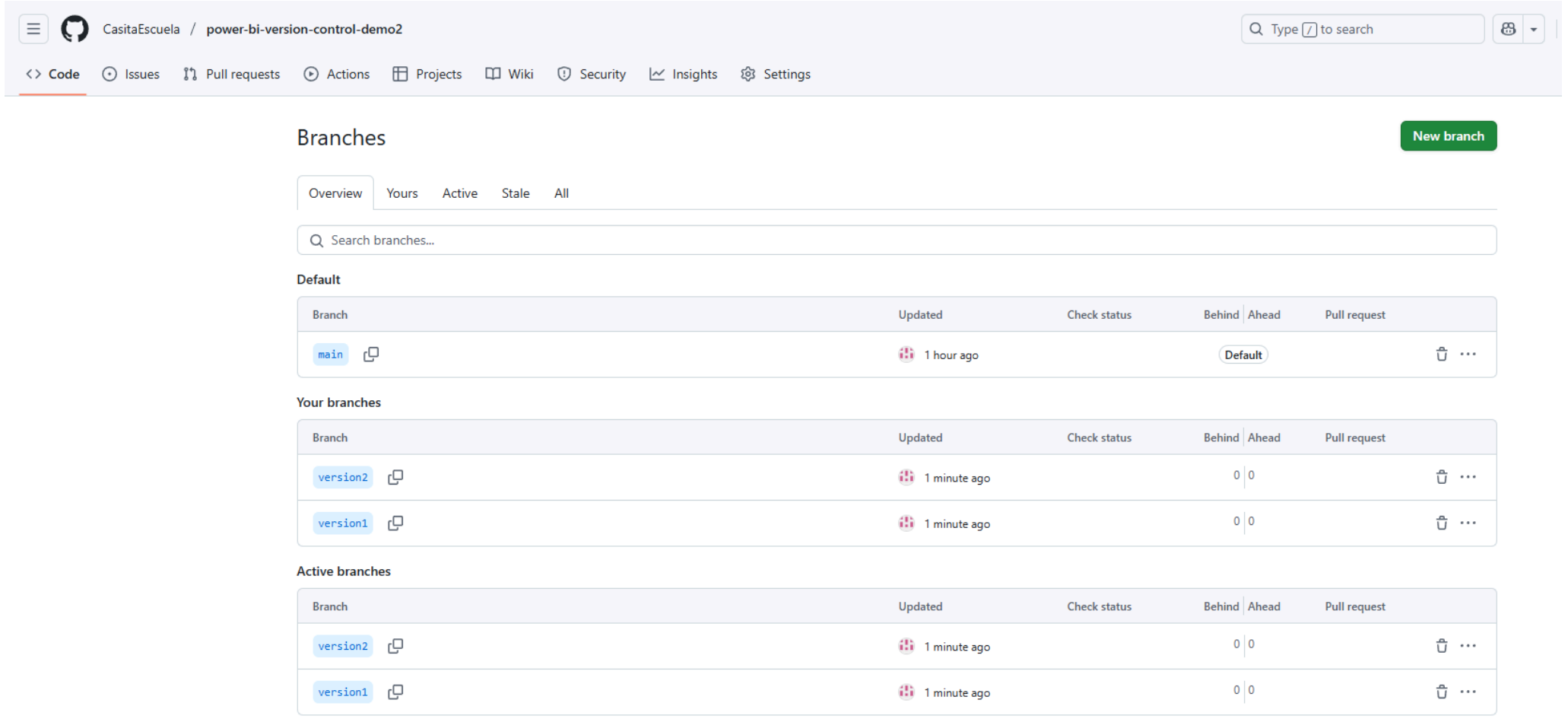
A (Windows) command prompt showing the git command with the version parameters.

STEP #2: Create a (REPO)sitory



A capture of the create repository section inside a Github account.

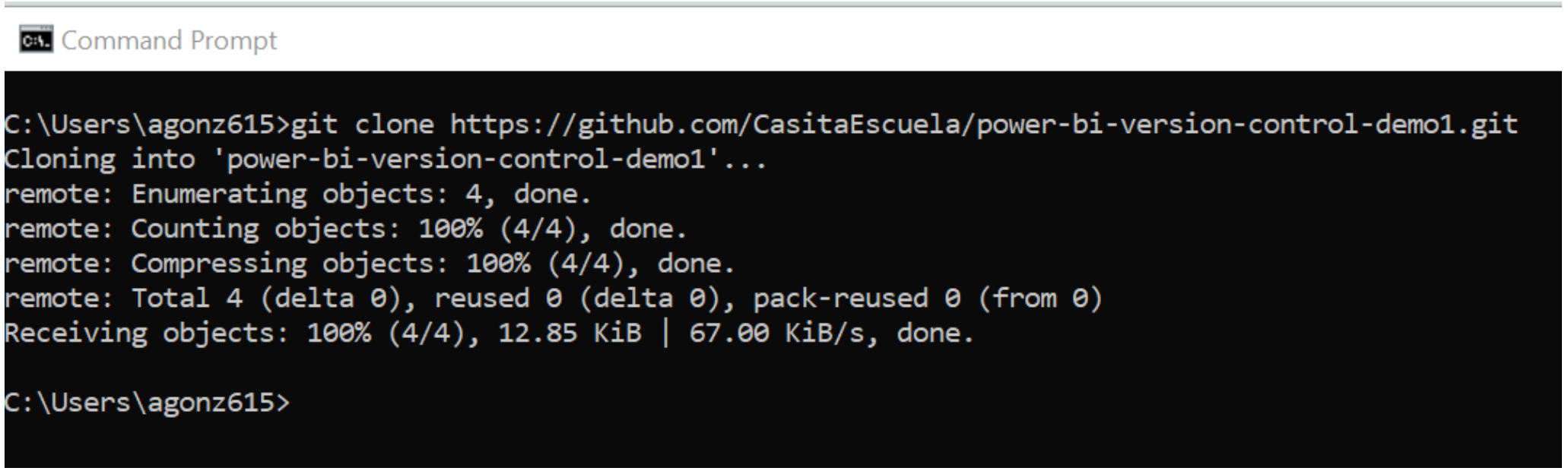
STEP #3: Create Branches inside your REPO



A capture of the Branches section inside a Github repository

STEP #4: Clone a Git REPO from Github (The CLI way...)

```
C:\Users\agonz615>
git clone https://github.com/your-github-username/your-repo-name.git
```



A (Windows) command prompt showing the git clone command.

STEP #4: Clone a Git REPO from Github (The VSCode way...)

STEP #5: Change your branch A.K.A checkout (The VSCode way...)

LET'S DO THIS 💪

Now make changes and keep saving using the **.pbix** file format.